

Amendment dated February 2, 2005  
Reply to Office Action of November 3, 2004  
Replacement Sheet



FIG.1

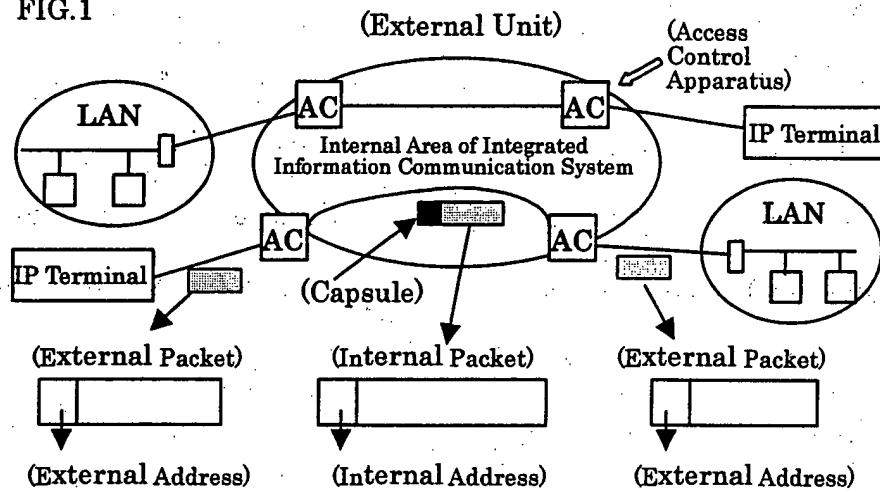
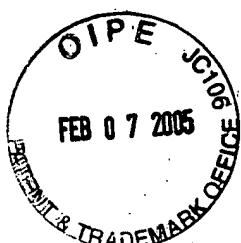


FIG.25



2412

(Address Management Table) 2412-1

| Internal Destination Address | External Destination Address | External Source Address | Internal Source Address | Request Identification n | Packet Reception Priority Symbol | CheckArea Identifier |
|------------------------------|------------------------------|-------------------------|-------------------------|--------------------------|----------------------------------|----------------------|
| 7821                         | 2100                         | 2500                    | 7200                    | 1                        | pr7821                           | 1                    |
| 7821                         | 2110                         | 2600                    | 7300                    | 1                        | pr7821                           | 1                    |
| 7822                         | 1200                         | 1230                    | 7400                    | 1                        | pr7822                           | 2                    |
| 7822                         | 1210                         | 1240                    | 7400                    | 1                        | pr7822                           | 2                    |
| 7822                         | 1220                         | 1250                    | 7500                    | 1                        | pr7822                           | 3                    |
| 7823                         | 2200                         | 2610                    | 7300                    | 1                        | pr7823                           | 3                    |
| 7823                         | 2210                         | 2700                    | 7600                    | 1                        | pr7823                           | 3                    |
| 7824                         | 2300                         | 2710                    | 7600                    | 1                        | pr7824                           | 3                    |
| 7824                         | 2310                         | 2800                    | 7700                    | 1                        | pr7824                           | 3                    |
| 7825                         | 2400                         | 2720                    | 7600                    | 1                        | pr7825                           | 3                    |
| 7825                         | 2410                         | 2810                    | 7700                    | 1                        | pr7825                           | 3                    |
| ...                          | ...                          | ...                     | ...                     | 3                        | ...                              | ...                  |

2412-2

| Packet Reception Priority Symbol | Protocol Priority Degree | TCP Socket Priority Degree | UDP Socket Priority Degree |
|----------------------------------|--------------------------|----------------------------|----------------------------|
| pr7821                           | p1                       | t1                         | NULL                       |
| pr7822                           | p1                       | t2                         | NULL                       |
| pr7823                           | p2                       | NULL                       | u1                         |
| pr7824                           | p2                       | NULL                       | u2                         |
| pr7825                           | p1                       | t3                         | u3                         |
| ...                              | ...                      | ...                        | ...                        |

2412-3

| Protocol Priority Degree ( High Priority Degree - Low Priority Degree ) |                       |
|---|-----------------------|
| p1  | TCP, UDP, ICMP, IGMP  |
| p2  | UDP, TCP, ICMP, IGMP  |
| p3  | ICMP, IGMP, UDP, TCP, |

2412-4

| TCP Socket Priority Degree |          |
|----------------------------|----------|
| t1                         | sk1, sk7 |
| t2                         | sk2      |
| t3                         | sk5      |

2412-5

| UDP Socket Priority Degree |          |
|----------------------------|----------|
| u1                         | sk3, sk8 |
| u2                         | sk4      |
| u3                         | sk6      |

2412-6

| Socket Designation |           |            |          |
|--------------------|-----------|------------|----------|
| Socket Code        | From / To | IP Address | port No. |
| sk1                | To        | 2100       | 30       |
| sk2                | From      | 1240       | 32       |
| sk3                | To        | 2200       | 40       |
| sk4                | From      | 2710       | 40       |

| Socket Designation |           |            |          |
|--------------------|-----------|------------|----------|
| Socket Code        | From / To | IP Address | port No. |
| sk5                | To        | 2400       | 50       |
| sk6                | From      | 2810       | 52       |
| sk7                | From      | 2600       | 130      |
| sk8                | From      | 2700       | 140      |